

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (canceled)
2. (presently amended) Removable container (1, 44) for collecting waste (8) according to claim ~~16~~6, characterized in that it is in communication over an air path with the device (12, 22, 31) for separating waste (8) through the opening (5,49) of the link wall (4, 48) when it is disposed within the waste collecting appliance~~aspiration system~~.
3. (currently amended) Removable container (1, 44) for collecting waste (8) according to claim ~~16~~6, characterized in that the internal volume (10, 54) of the waste collecting container (1, 44) for storing waste (8) is not provided with any piece, conduit, or device for waste separation.
4. (currently amended) Removable container (1, 44) for collecting waste (8) according to claim ~~16~~6, characterized in that it has a handle (7) situated on one of the walls other than the link wall (4, 48) and the base wall (2, 46), said handle (7) being located at the outside of the volume defined by said container (1, 44).
5. (canceled)
6. (currently amended) Removable container (1, 44) for collecting waste (8) ~~according to claim 5~~ separated by a device (12, 22, 31) of the cyclonic or inertial type for a waste collecting appliance of the vacuum cleaner type, said container having several walls (2, 4, 6, 45a, 45b, 46, 48, 50) delimiting a storage volume (10, 54), among said walls

are noteworthy a wall (2, 46) forming the base of the container (1, 44), called the base wall, as well as at least one wall (4, 48) provided with an opening (5, 49), called the link wall, characterized in that:

- the base wall (2, 46) and the link wall (4, 48) are contiguous in a zone of contiguity while presenting either a curve of one and/or the other wall, or an inclination between said walls,
- the opening (5, 49) of the link wall (4, 48) is located in immediate proximity to the zone of contiguity between said wall and the base wall (2, 46), characterized in that the base wall (2, 46) is substantially flat, the link wall (4, 48) is substantially flat, and said base (2, 46) and link (4, 48) walls ~~being~~are inclined with respect to one another by an angle (α) of between 40° And 70°.

7. (currently amended) Removable container (1, 44) for collecting waste (8) ~~according to claim 1~~ separated by a device (12, 22, 31) of the cyclonic or inertial type for a waste collecting appliance of the vacuum cleaner type, said container having several walls (2, 4, 6, 45a, 45b, 46, 48, 50) delimiting a storage volume (10, 54), among said walls are noteworthy a wall (2, 46) forming the base of the container (1, 44), called the base wall, as well as at least one wall (4, 48) provided with an opening (5, 49), called the link wall, characterized in that:

- the base wall (2, 46) and the link wall (4, 48) are contiguous in a zone of contiguity while presenting either a curve of one and/or the other wall, or an inclination between said walls,
- the opening (5, 49) of the link wall (4, 48) is located in immediate proximity to the zone of contiguity between said

wall and the base wall (2, 46), characterized in that ~~its~~said container has, outside of the volume (10, 54) for the storage of waste (8), a conduit (42) for return of purified air.

8. (previously presented) Removable container (1, 44) for collecting waste (8) according to claim 7, characterized in that said conduit (42) opens:

- at one of its ends into the link wall (4, 48),
- at the other end into the base wall (2, 46).

9. (previously presented) Removable container (1, 44) for collecting waste (8) according to claim 7, characterized in that one part of the wall or walls (42a, 42b) of the conduit (42) is common with the walls delimiting the volume (10, 54) for the storage of waste (8).

10. (currently amended) Removable container (1, 44) for collecting waste (8) ~~according to claim 1~~ separated by a device (12, 22, 31) of the cyclonic or inertial type for a waste collecting appliance of the vacuum cleaner type, said container having several walls (2, 4, 6, 45a, 45b, 46, 48, 50) delimiting a storage volume (10, 54), among said walls are noteworthy a wall (2, 46) forming the base of the container (1, 44), called the base wall, as well as at least one wall (4, 48) provided with an opening (5, 49), called the link wall, characterized in that:

- the base wall (2, 46) and the link wall (4, 48) are contiguous in a zone of contiguity while presenting either a curve of one and/or the other wall, or an inclination between said walls,
- the opening (5, 49) of the link wall (4, 48) is located in immediate proximity to the zone of contiguity between said

wall and the base wall (2, 46), characterized in that ~~it~~said
container has a lid (70) disposed on the link wall (4, 48),
said lid (70) having an opening (74) communicating with the
opening (5, 49) of the link wall (4, 48).

11. (previously presented) Removable container (1, 44) for
collecting waste (8) according to claim 10, characterized in
that the surface area of the opening (74) is between 5% and
25% of the surface area of the opening (5, 49) of of the
link wall (4, 48).
12. (previously presented) Removable container (1, 44) for
collecting waste (8) according to claim 10, characterized in
that the cross-section of opening (74) of the lid (70) is
between 10 cm² and 25 cm².
13. (previously presented) Removable container (1, 44) for
collecting waste (8) according to claim 10, characterized in
that the lid (70) or a part of the lid (70) is mounted to
pivot about an axis (72) that is spaced from the zone of
contiguity.
14. (previously presented) Removable container (1, 44) for
collecting waste (8) according to claim 10, characterized in
that the lid (70) has at least one joint (75) which is
peripheral to the openings, on one and/or the other of its
faces.
15. (currently amended) Device (12, 22, 31) for separation of
waste (8) of the inertial or cyclonic type for an electrical
appliance of the vacuum cleaner type, said device (12, 22,
31) having a first tube (38 221) presenting an air inlet
orifice (32, 34) capable of receiving air that is aspirated
and led by the tube, and an air return orifice, a screw

(222, 36) positioned in an axial manner in this first tube (38, 221), a second tube (224, 40) having a diameter smaller than the outer diameter of the screw (222, 36) and situated coaxially in the extension of the first tube (38, 221), in communication over an air path by one end to the return flow end of the first tube and connected by its other end to the suction group (64) by a first evacuation conduit (224, 42), a third tube arranged around the second tube and connected to the return flow end of the first tube in a manner to arrange between the second and the third tube a second conduit (223) for evacuation of waste toward a collecting container (1, 44), characterized in that the container (1, 44) ~~conforms to claim 1~~ has several walls (2, 4, 6, 45a, 45b, 46, 48, 50) delimiting a storage volume (10, 54), among said walls are noteworthy a wall (2, 46) forming the base of the container (1, 44), called the base wall, as well as at least one wall (4, 48) provided with an opening (5, 49), called the link wall, and further characterized in that:

- the base wall (2, 46) and the link wall (4, 48) are contiguous in a zone of contiguity while presenting either a curve of one and/or the other wall, or an inclination between said walls, and
- the opening (5, 49) of the link wall (4, 48) is located in immediate proximity to the zone of contiguity between said wall and the base wall (2, 46).

16. (previously presented) Device (12, 22, 31) for separation of waste according to claim 15, characterized in that the screw (222, 36) and the first (38, 221), second (224, 40) and third tubes are substantially parallel to the link wall (4, 48) of the container (1, 44) for collecting waste (8).